ABSTRACT OF THE DISCLOSURE

METHOD AND SYSTEM FOR COMPUTER NETWORK
LINK WITH UNDEFINED TERMINATION CONDITION

The location of a termination in a properly terminated LAN can be remotely detected.

5   The cable's skin effect produces a detectable signature at the sending-end when a step function, for example, reaches the termination. Accordingly, a network analysis device is connected to the network to inject the step function onto the network cabling. The voltage response of the cabling to this is first digitally sampled and then analyzed in a system controller. The system controller reviews the sampled data for an inflection point and then locates the termination by

10   reference to the delay between when the signal was placed on the cable and the detection of the inflection point.